

Amendments to the Specification:

Please replace the title with the following amended title:

C1 **IN SITU THERMAL PROCESSING OF A COAL
FORMATION TO PRODUCE PYROLSIS PYROLYSIS PRODUCTS**

Please replace the paragraph beginning on page 30, line 1 with the following amended paragraph:

C2 "Hydrocarbons" are generally defined as ~~organic material that contains carbon and hydrogen in their molecular structures~~ molecules formed primarily by carbon and hydrogen atoms. Hydrocarbons may also include other elements, such as, but not limited to, halogens, metallic elements, nitrogen, oxygen, and/or sulfur.

Please replace the paragraph beginning on page 53, line 20 with the following amended paragraph:

As shown in FIG. 3, in addition to heat sources 100, one or more production wells ~~102~~ 104 will typically be disposed within the portion of the coal formation. Formation fluids may be produced through production well 104. ~~Production well 102 may be configured such that a mixture that may include formation fluids may be produced through the production well.~~

C3 Production well ~~102-104~~ may also include a heat source. In this manner, the formation fluids may be maintained at a selected temperature throughout production, thereby allowing more or all of the formation fluids to be produced as vapors. Therefore high temperature pumping of liquids from the production well may be reduced or substantially eliminated, which in turn decreases production costs. Providing heating at or through the production well tends to: (1) ~~prevent~~ inhibit condensation and/or refluxing of production fluid when such production fluid is moving in the production well proximate to the overburden, (2) increase heat input into the formation, and/or (3) increase formation permeability at or proximate the production well.